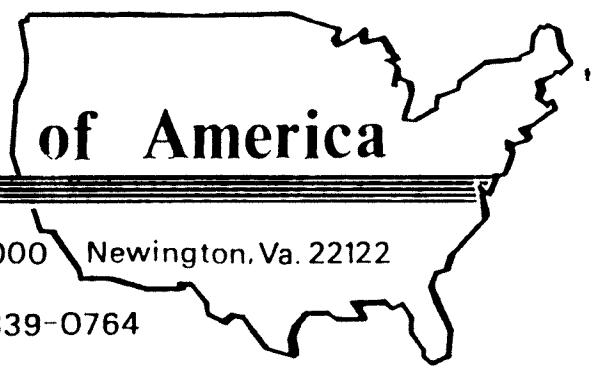




# Users Association of America

c/o Gardy-McGrath International 8580 Cinderbed Rd Ste 1000 Newington, Va. 22122

(800) 966-1030 (703) 339-8500 Fax (703) 339-0764



June 1991 Newsletter

## **Inside This Issue...**

**National MII Users Day Scheduled**

**MII Video Production Awards Rules Announced**

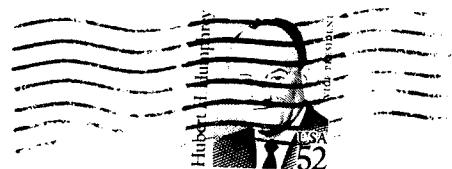
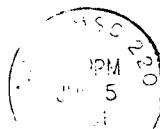
**More Betacam/MII Interface Info**

**May Survey Results**

**Plus, the Debut of "MII Man"  
and a Whole Lot More..**

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MII Users Association of America  
c/o GMG International Inc.  
8580 Cinderbed Road, Suite 1000  
Newington, VA 22122



## **Commentary from the Executive Director**

### **MII Esprit De Corps**

One of the more pleasant duties in running the MII Users Association is being able to help MII users with support of the format. Its nice to see the association concept in action. Moreover, it's great to see, dealers, the manufacturers and other users helping each other based on the contacts made through the association and its membership listing. It's clear that there's a real "esprit de corps" developing and that is healthy for everyone.

Recently, MII user member, Southern States Cooperative of Richmond, Virginia had one of their machines undergo an overhaul at Panasonic headquarters and they desperately needed a studio recorder with time code capability. Panasonic agreed to put a rush on the service work but it wouldn't be completed and checked out in time for a weekend project that Southern States was working on. D.C. area dealer rep, Jan Crittenden called the MII Users Association asking if one of our demo machines was available. We had an AU-65 ready to go, but the time code cards had not arrived at that time. Paul Farren of Communications Televideo Ltd.(CTL), a dealer in Silver Spring, Maryland offered a card from his machine and it was shipped along with our AU-65 to Southern States. The machine worked well for the project and was later picked up by Richmond dealer, AVEC Electronics and shipped back to MII User headquarters once Southern States got their machine back from Secaucus. I was thoroughly impressed with the cooperation all around to respond to a user in need. No petty dealer infighting, and super coordination by dealer rep Jan Crittenden.

My company, GMG International of Newington Virginia, recently had a crew in Miami, Florida shooting the National Wheelchair Olympic games for the Veterans Administration. They needed to edit a press release for immediate dissemination and only had field equipment on site. A quick check of the latest membership listing, eventually lead to George Phelps of Sightseeing Video Tour in Miami and the editing was performed quickly and effectively.

It's only our third month of existence and I'm hearing about many stories like this around the country through our administrative coordinator, Debbie Stafford. We have over 170 members who understand the concept of working together towards mutual goals. Congratulations everyone, this is the way its supposed to work. And thanks to your efforts, that's why MII will survive and flourish as a format!

Dave Gardy  
Executive Director  
MII Users Association of America

## "MII Man"

MII MAN

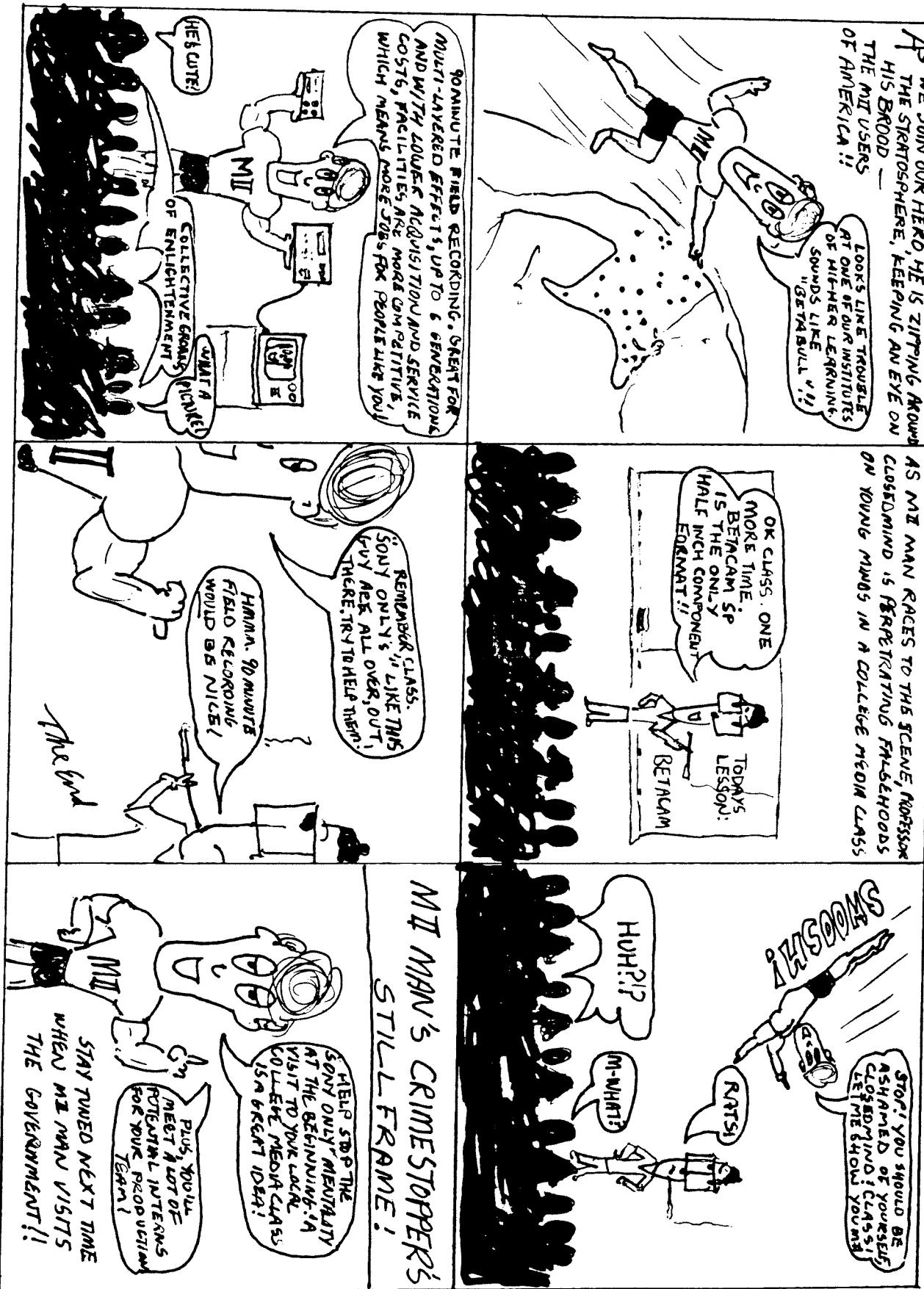
BY DAVE GARDY

AS WE JOIN OUR HERO, HE IS ZIPPING AROUND THE STRATOSPHERE, KEEPING AN EYE ON HIS BROTHER — THE MIT USERS OF AMERICA!!

AS MII MAN RACES TO THE SCENE, PROFESSOR CLOSERMIN IS PERPETRATING FALSEHOODS ON YOUNG MINDS IN A COLLEGE MEDIA CLASS

STOP! YOU SHOULD BE ASHAMED OF YOURSELF CLOSERMIN! CLASS, LET ME TELL YOU,

Page 3



## **National MII Users Day Scheduled for October 1991**

The MII Users Association Board of Trustees has selected October 3 and 4, 1991 as this years "Users Day". The Users Day will be held at a hotel location to be announced in the Washington, D.C. area at which time representatives of Panasonic and JVC will be on hand to meet with users in a seminar/workshop type environment. In addition, Panasonic will feature various equipment exhibits.

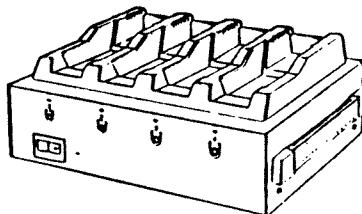
The two day event will include Associations committee meetings, discussions of critical MII issues and award presentations for the MII Video Production Award contest. Various other special activities are planned including an informal golf tournament, and the MII users association Exhibit facility in Newington, VA will be open to all members.

More details regarding this event will be forthcoming in next month's newsletter. If you have any ideas you think would help make a national meeting more beneficial for user attendees, please share your input with Debbie Stafford at 1-800-966-1030 or fax 703-339-0764.

## **Supplemental Procedures For Charging Batteries With The Panasonic AU-B420 Battery Charger**

The Association has been informed by Panasonic's Tony Sangiovanni, MII Product Engineer, that the following practice should be followed with regard to the Panasonic AU-B420 Battery Charger.

Charge the batteries as usual, when they have completed the quick charge cycle the indicator light will change from steady on to a "blinking" mode. When the charge lamp changes to the "blinking" mode, that is when the charger changes from quick charge to trickle charge and the battery packs are between 65% and 75% charged. It is recommended that the batteries be left on the charger to trickle charge for another 10 to 12 hours. At that time they will be fully charged.



# **MII Users Association of America**

## **MII Video Production Awards**

As we mentioned in last month's newsletter, the MII Users Association of America in association with Panasonic are sponsoring the 1991 MII Production Awards.

Contest Categories are as follows:

	<u>Submittal Length</u>
1. Television Commercial Spots	Less than 60 seconds
2. Television News or Documentary	Less than 60 minutes
3. Television, other	Less than 60 minutes
4. Training/Industrial	Less than 30 minutes
5. Corporate Promotional/Sales/Communications	Less than 30 minutes
6. Non Broadcast, Other	Less than 30 minutes
7. Best/most creative use of "Low Tech"-Mechanical creativity (ie. globe on string)	
8. Best/most creative use of Moderate priced equipment (ie. Toaster, other Industrial level equipment)	
9. Best/most creative use of HI-Tech equipment	

All production submissions must be edited on MII and may be shot in any format. Submissions must be on MII (We Recommend component dub of Master).

Judging Criteria for each of the Categories are as follows:

1. Creativity - 25 points
  - Originality
  - Artistic Merit
  - Innovative Approaches
  - Methodology for fulfilling the video's intended purpose.
2. Technical Quality - 25 points
  - Colorimetry
  - Video Levels
  - Compliance with Industry specifications
  - Resolution
  - Scene Transitions
  - Chroma Concurrence
3. Production Technique - 25 points
  - Continuity
  - Camera Angles and Movements
  - Composition
  - Cost/Production Value
  - Integration of effects and graphics.
4. Overall accomplishment of purpose - 25 points
  - Based on a "production purpose" statement submitted with the video of 25 words or less.

Please include a listing of relevant hardware and techniques used. Since this is the first year for the contest, you may submit entries from any year, not just this year. Multiple entries encouraged.

Contest submission deadline is September 6, 1991. Send all entries to: MII Users Association of America

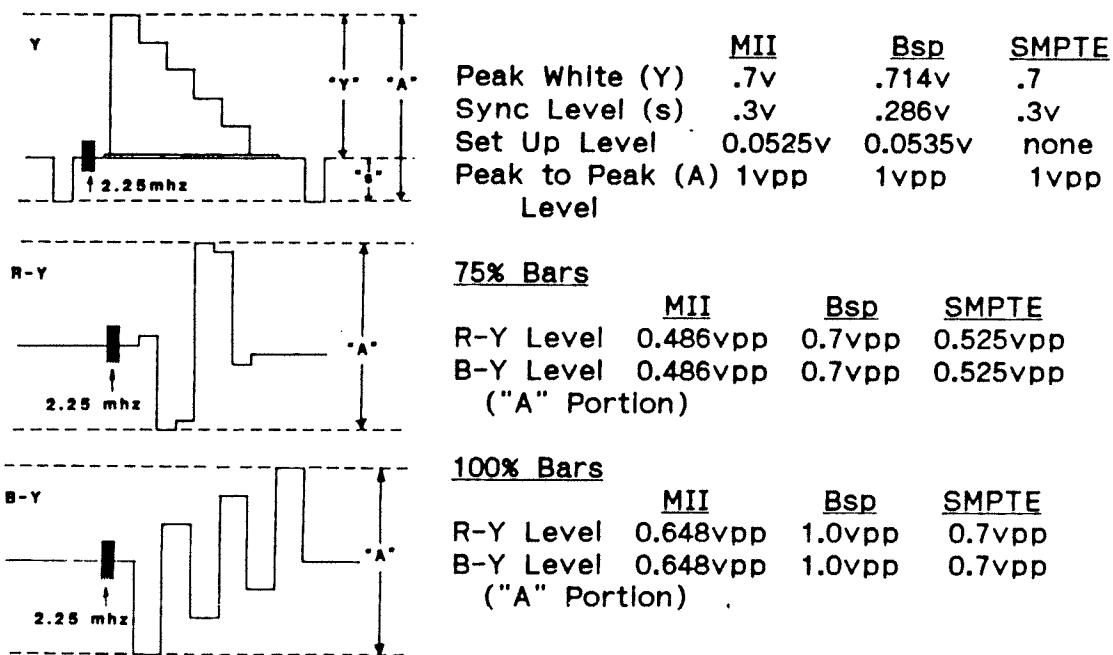
c/o Gardy-McGrath International  
8580 Cinderbed Road, Suite 1000  
Newington, VA 22122  
Attn: Video Contest

We will return your tape, if you provide a stamped, self addressed envelope.

# Brand "X" to MII Level Conversion (Enabling the MII to Betacam Interface)

In response to last months newsletter article regarding the MII to Betacam Interface, Panasonic's Tony Sangiovanni, MII Product Engineer contributes the following on the technical side of the MII to Betacam Interface.

Fig. 1 MII Component Signals



\* NOTE, Included In the 3 signals are a 2.25 "Pilot" Burst. This Burst is for precise synchronization of the 3 signals.  
Betacam only uses 2 signals, Y & R-Y.

As we can see from Fig. #1, the 3 component signals Y, R-Y, B-Y are virtually the same in MII, Betacam SP and SMPTE.  
SMPTE and MII only differ in that MII includes set-up level, as shown here:

1. 75% BARS/7.5 SET-UP LEVEL

$$\frac{100-7.5}{100} = 0.025 \times 5.25 \left( \frac{\text{SMPTE}}{\text{R-Y Level}} \right) = .486 \text{mv}$$

2. 100% BARS/7.5 SET-UP LEVEL

$$.7v \left( \frac{\text{SMPTE}}{\text{R-Y LEVEL}} \right) - .0525 \left( \frac{\text{MII}}{\text{Set-Up Level}} \right) = .648 \text{mv}$$

3. MII SET-UP LEVEL

$$Y = .7v \times 7.5\% = 0.0525 \text{ mv}$$

These levels were established to conform to those established by SMPTE, but because set-up is popularly used in the U.S. it's included in MII. The reason Betacam SP levels are different is that Betacam SP units Must support the conventional Betacam Format based on a Y, I & Q component format.

Now that we see the differences in signals, How do we work with both? Fortunately, MII units have built in adaptors for Betacam SP levels. An adaptor is used on the input side to attenuate (lower) the input, and another is used to amplify the output to achieve Betacam SP levels.

New MII Models

<u>Input</u>	<u>Output</u>
Video I/O Board	W2 Board
SW3 & SW4 set to the 1.0vpp position	Short SW202 & SW203 Beta level out
Accepts Beta levels	

Older MII Model (Check Operation Manual for particular Model)

<u>Input</u>	<u>Output</u>
S-2 Decode 2	L-3 Encoder
Select Jumper SW4 & SW6 for Beta levels	SW 400 & 401 to the off position outputs Beta levels

In a case of a source to an MII unit, such as a camera for extra flexibility, cables can be adapted too.

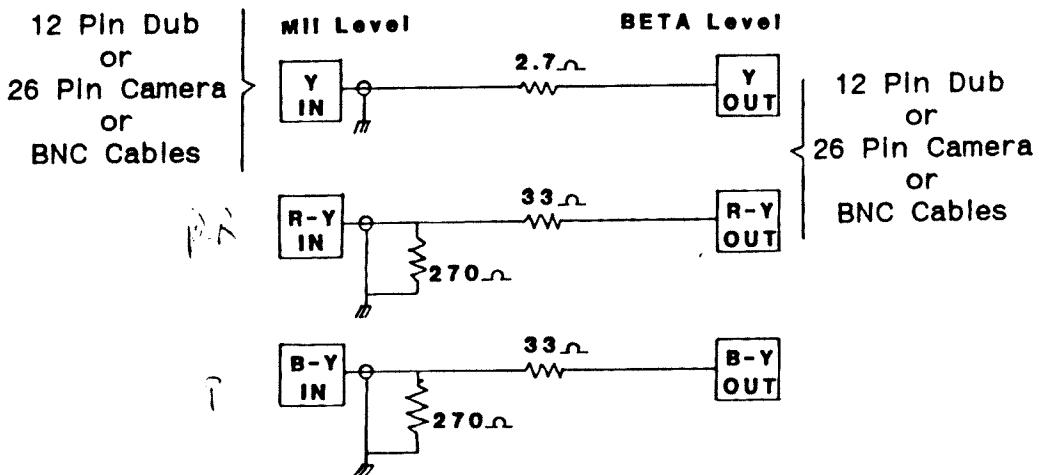


Fig. 2

Any of the methods shown will help ease any compatibility "problems" voiced by dedicated Beta-Heads.

C-15183  
 R: 7.2 → 3.2  
 1.2V  
 26 Pin Camera 37.  
 CLOCK 1 & Y.  
 9141-16-4700  
 Nick Hebbard

C-15184

But Rez 700  
 26 Pin Camera

Tony  
 3141-16-4700  
 2611-372-6120

Walter  
 Raycheck  
 RCD  
 C-15185  
 page 7

## Good Service ...

A recent occurrence has been brought to our attention and we thought we'd share it with you.

On a recent Friday, late in the afternoon, stretching to early evening, Bill Perkins of TPI Productions in Bethesda, Maryland was preparing to post a show at his facility utilizing his JVC KRM 820 Editing MII Deck and a Panasonic AU-500 portable MII recorder, rented from Dick Slade, AVA Productions of Silver Spring, Maryland. When the AU-500 wouldn't interface with the KRM 820, Bill contacted Paul Farren of Communications Televideo Ltd (CTL) in Silver Spring, Maryland for assistance and Paul made contact with JVC Technical Service in New Jersey who in turn made contact back with Bill. In the course of working out the difficulty, a section of the manual was faxed to Bill with the correct dip switch configuration indicated, as JVC had previously dealt with this situation successfully at their location.

Our thanks go out to the folks at JVC Technical Service in New Jersey, good job!



If you are not currently a member of the MII Users Association of America and would like to join, please contact us by phone, fax or mail at:

(800) 966-1030	MII Users Association of America
(703) 339-8500	c/o GMG International, Inc.
Fax (703) 339-0764	8580 Colderbed Road, Suite 1000
(new fax #)	Newington, VA 22122
	Attn: Debbie

If you write or fax, please provide your name, company name, mailing address, phone number (fax too), and if you could tell us a little about your company and its MII use.



## ***Prevention of Horizontal Beat in the Playback Picture***

The modification contained in the following supplement on "Prevention of Horizontal Beat In the Playback Picture" should be performed only after the "Improvement of Power Supply Beat" modification, which was featured here last month, has been carried out.

We obtained this information from Tony Sangiovanni, Panasonic MII Product Engineer and we recommend that you contact Tony at (201) 392-6720 if you have any questions regarding this modification.

This modification is for the 660 series models (660, 640, 630, 620A and 60) only. This does not apply to the 650.

# Service Manual

*Supplement*

## Subject:

Prevention of Horizontal Beat in the Playback Picture

Broadcast Video Product  
Model No.: AU-660/AU-640  
Bulletin No.:  
AU-660 Bulletin No. 177  
AU-640 Bulletin No. 66

Please use this manual together with the Service Manual for Order No. VQS0116, VQW0127, VQS0137 Model No. AU-66/AU-640

Board: S Mother (S-O : VEP81026A) -AU-660  
S Mother (S-O : VEP81026C) -AU-640  
Video IN (VEP80401A)

Symptom: Horizontal streaking (beat) in the picture.

Cause: Ground interference from the REF VIDEO, POWER and VIDEO IN GND.

Remedy: Cut the ground connections from Conector P301 as shown below.

### \*\*NOTE\*\*

This modification should only be done, if power supply beat still appears in the picture, after performing the switching power supply beat improvement. Please refer to the Supplement Service Manual Order No. VDRME9006174 (# 174).

### Video IN P.C. Board (VEP80401A)

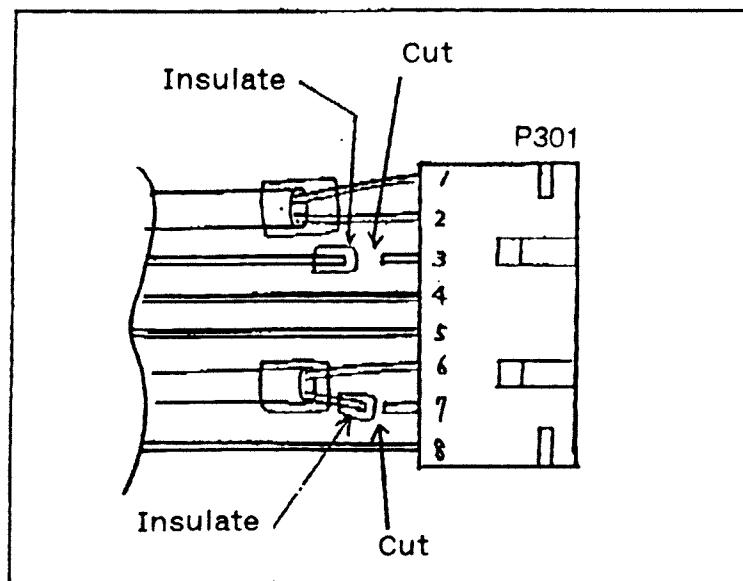


Fig. 1

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## Interconnection

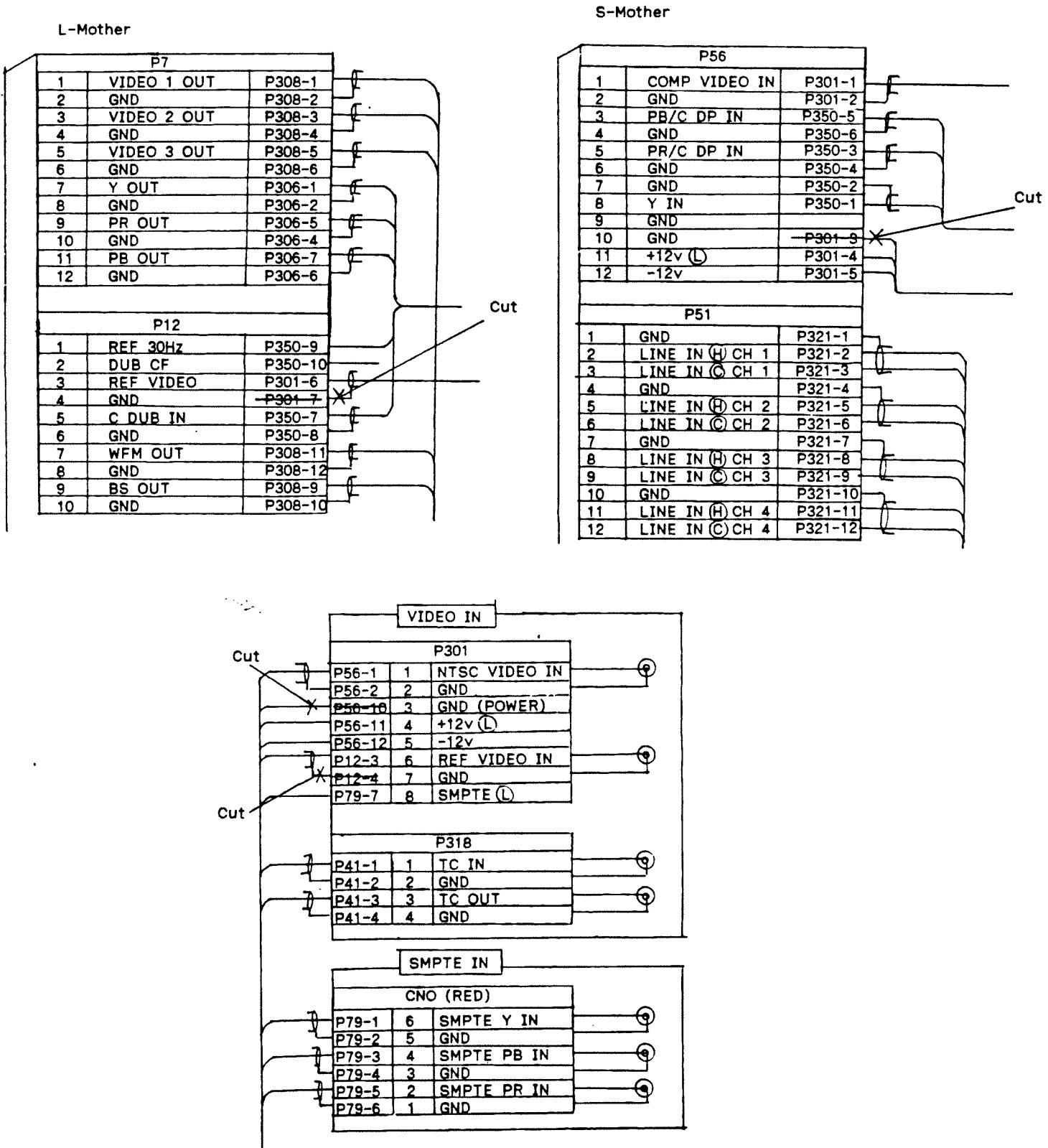


Fig.2

# **Bulk Degaussing MII Cassettes: Selecting Appropriate Technology**

The majority of professional tape users own some type of bulk tape eraser (bulk degausser). For many, it is a big old beast of a magnet left over from the 2-inch quad days, or perhaps only a small handheld magnet that no one really likes to use. Some users always bulk degauss their video tape; others never do. Our customer surveys and engineering analysis reveal the technical and economic grounds for those practices, which we are pleased to share with MII users.

Just as many advances have been made in video tape formats, similar advances have been made in video tape degaussing technology. Although the advantages of using a superior tape format like MII are easy to see, investing in complimentary tape maintenance equipment is often overlooked. The bulk degausser is the piece of equipment that is continually requested by engineers and technicians, but each year gets cut from the final budget.

MII and other metal particle tapes have higher coercivities than standard tapes (see Table 1). The coercivity of MII tape exceeds 1500 Oe. The term coercivity is the applied magnetic strength in Oersteds (Oe.) that reduces magnetism in a material (tape) to zero. High coercivity prevents self-erasure of closely spaced information units, e.g. analog wavelengths or digital bits. With its high coercivity, MII tape stores more video information per unit area at higher quality than the old 1 inch reel and 3/4 inch cassette formats. It is also obvious that high coercivity makes erasure from external sources, video tape recorder (VTR) heads or bulk degaussers, more difficult.

Table 1:  
VIDEO TAPE COERCIVITY TABLE

<u>Video Tape</u>	<u>Coercivity*</u>	<u>Video Tape</u>	<u>Coercivity*</u>
<b>Oxide particle cassettes:</b>			
2" Quad Reels	350 Oe.	U-Matic SP	750 Oe.
Film(audio tracks)	350 Oe.	D-1	850 Oe.
Audio Tape		Super VHS	900 Oe.
Standard	350 Oe.		
High-Bias	600 Oe.		
1" C Reels	650 Oe.	<b>Metal Particle Cassettes:</b>	
VHS 1/2" Standard	650 Oe.	MII	1680 Oe.
VHS 1/2"Super HG	650 Oe.	Betacam SP	1680 Oe.
VHS 1/2"Super XG	650 Oe.	D-2	1680 Oe.
Betacam Oxide 1/2"	650 Oe.	Hi-Band 8mm	1680 Oe.
		High Speed Mirror Image	
		Duplication Reels	2000 Oe.

\* Typical manufacturer's specifications.

page 11

continued on next page

Although most VTRs have erase heads, the recorder does not monitor the operational integrity of the erase head. Erase failures remain rare even though the demands of high coercivity tape push operating points of erase heads and their drivers toward thermal and magnetic limits. Occasional reports of inadequate MII erase head performance may stem from the combined variations of tape coercivity, VTR performance, environmental influences, and user practices.

By relying on erase heads within recorders, the user risks recording short programs over longer programming. This method can easily lead to potentially embarrassing and costly mistakes, such as Saturday morning cartoons followed by adult-oriented programming. Bulk degaussing prevents this programming error.

In view of the tremendous production costs, interference caused by rerecording programs over previous signals can be a technical and financial disaster. Problems exhibit different symptoms depending on the area(s) of the video format:

- o Inadequate control track erasure causes video jitter or tear,
- o Audio from a previous program or ghost and fuzzy video images result from poor audio and video track erasure respectively, and .
- o Auxiliary tracks carrying digital time code or cuing information will be prone to errors.

Assuming manufacturers supply "clean" tape free of test signals and particle orientation (DC) noise, the preceding problems can be avoided at a cost: always use new tape. Some small production houses pass that cost along to their customers. Alternatively, recording "black" signals is valuable in certain editing situations, but the associated time and wear on your VTR can hardly justify blacking as a general erasure procedure. Since production cost is the driving factor, bulk degaussing becomes economically attractive when the value of tape available for re-use exceeds the cost of the bulk degausser. Considering the higher price tag of metal tapes compared to oxide formats, the facility owner can quickly recover an initial investment in a metal tape degausser.

Bulk erasure generates a magnetic field that covers a much greater area than an erase head, but not as large as an entire cassette. Therefore, media movement is employed to obtain thorough exposure to a bulk erasure process. The price of bulk degaussers available to the professional span at least three orders of magnitude related to the field size and the motion automation. We categorize them as hand-held degaussers, single-core platform degaussers, and dual-core belt degaussers.

continued from previous page

Hand-held degaussers generate a small, highly non-uniform field and do not offer any control over motion. In the hands of a patient and attentive operator, they may be effective. In unskilled hands, noise termed "bounce", "signature", or "whumps" due to rapid field changes can be worse than no bulk degaussing at all. A hand-held unit rated to erase metal particle cassettes must generate so much heat that only one to a few proper erasure cycles can be completed before a lengthy cool-down is required.

Platform degaussers embed a magnet in a table-top enclosure so that its field projects out through a surface. Guides or markings on the surface help the user achieve thorough exposure, but the lack of media velocity control does not prevent bounce. In addition, the field projected from a single magnet core remains nonuniform, and a "four pass" minimum technique should be expected; pass, rotate, pass, flip, pass, rotate, pass. The flip exposes both edges of the tape to strong magnetism near the poles of the magnet core.

Placing dual cores below and above the media contains and concentrates the magnetic field, assuring complete exposure using a pass, rotate, pass technique. Addition of a speed controlled conveyor belt prevents bounce. Surveys show that hand-held and platform degaussers yield unsatisfactory results and often end up becoming dust collectors. The convenience, ease of use and erasure performance of a dual magnetic core conveyor belt degausser often makes it worth the additional investment even for a moderate-sized tape user. Given these levels of automation, key specifications become ratings for bulk degaussing metal particle tapes, and the ability to handle all cassette and reel sizes in common use.

As the MII users acquire a large quantity of tape, the need to recycle this high-quality media increases. Although the high coercivity of MII tape makes it one of the most formidable formats to degauss, models are available which can effectively erase MII below the -70 dB level.

To reduce the time and effort needed to evaluate bulk degaussers, consult marketing and sales personnel familiar with the characteristics of common media formats, the performance requirements of applications, and the operating characteristics of available degaussers. The originators of this article at Data Security Inc. have a toll free number, 1-800-225-7554, and are available to answer any technical or operating questions related to degaussing M-II and any other professional format.

## **MII Trading Post**

**AU 500 Portable MII Videotape Recorder (with Fan),** Very low head hours, looks and works like new. Comes with carry case. Contact Joe Gora, Atlanta Video Production Center, call (404) 355-3398 or fax (404) 350-0302.

**AU 500 Portable MII Videotape Recorder,** New in 1987, Approximately 600 head hours, Excellent working condition. Also Includes: Manual and A/C power supply. Asking \$4,500.00 Contact Dan Hall, Video Management Systems, 1004 E. Washington Street, Indianapolis, IN 46202, (317) 639-6163.

**AU 500 Portable MII Videotape Recorder,** New in 1989, Approximately 160 head hours. Also Included: Manual, Portabrace carrying case and five cases of new 20 minute tape stock. Asking \$5,800.00 Contact Bob Abrahamson, West Net Video, 20023 Legend Oak Drive, Humble, TX 77346, (713) 852-7883.

**JVC KR-M800U MII Edit Recorder,** purchased new June 88. Low head hours, Asking \$7,300.00.

**JVC KR-M 460U Portable MII Videotape Recorder (Same as Panasonic AU 520),** purchased new Dec. 88. Very low head hours. Also Included: one Perrott PE-90 Nicad battery pack and charger, all in an Anvil case. Asking \$7,900.00.

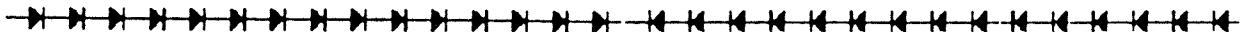
**JVC SA-T310 TBC for MII,** purchased new Aug. 88. Asking \$4,575.

Generic Design SCA-850 Parallel to Serial w/timecode send, used with KR-M800U, purchased new June 88. Asking \$1,000.00.

All equipment is in excellent operating condition and has been properly maintained. If you buy the MII equipment as a package, 8% (\$1,662) will be deducted. Additional equipment available. Contact L.A. Lentz, Lentz & Associates, P.O. Box 6181, Raleigh, NC 27628, (919) 828-6761.

If you have equipment you would like included in the next Trading Post, give us a call at (800) 966-1030, (703) 339-8500 or Fax (703) 339-0764. (Please contact us when the equipment is sold.)

Do you have used MII video tape that you don't know what to do with? Well, Carpet Video is looking to buy USED MII VIDEO TAPE. Any length. Give them a call at 800-238-4300 for further information.



### **Duplication Facilities**

In the May newsletter, we listed two duplication companies that handle MII, please add Media Concepts to that list, they were the first duplication facility in the country to do MII. For further information please contact Bob Skidmore at Media Concepts, 559 49th Street South, St. Petersburg, FL 33707 (800) 330-DUPE or (813) 321-2122

If you know of other duplication facilities which handle MII please let us know.

# ***MII Users Association of America Membership Listing***

2PM Multimedia Jim Wine P.O. Box 2 Linden, VA 22642 (703) 636-4142	AMPROD Inc. Ken Santucci 4531 Stone Pine Court Chantilly, VA 22021 (703) 818-1353	Bell Atlantic Tom Erdely 801 Roeder Road Silver Spring, MD 20910 (301) 565-8663	Centercom Bob Harmon 5737 W. Hemlock Street Milwaukee, WI 53223 (414) 353-2001
3M-Bob Herman 3M Center Building 223-SN-01 St Paul, MN 55119 (612) 736-2549	Walter Arandia 4311 S. 9th St Arlington, VA 22204 (703) 521-9475	Bell Atlantic Morris Hoch 1 Parkway, 2nd Floor Philadelphia, PA 19102 (215) 466-3896	Center Video Rex Balz 5615 W. Howard Street Niles, IL 60648 (800) 621-4354
ADV Tech Thomas Huckle 8057 Crosstridge Rd Dublin, CA 94568 (415) 833-6031	Atlanta Video Production Center Joseph Gora 570 Northside Dr. NW 240 Atlanta, GA 30318 (404) 355-3398	Bell Atlantic Corporate Television Richard Deiss 540 Broad Street, Room 400 Newark, NJ 07101 (201) 649-3885	Century Design Jody Heurung 530 15th Ave. S. Hopkins, MN 55343-7889 (612) 935-0033
AHO Graphics Allan Ostling 1089 3rd Ave., SW Suite 202 Carmel, IN 46032 (317) 844-6322	AVA Productions Dick Slade 1412 McCorrest Drive Silver Spring, MD 20904 (301) 384-9595	Bloomquist & Associates, Inc. Dick Bloomquist 828 N. Addison Ave Elmhurst, IL 60126 (708) 530-4077	Champion Auto Stores Larry Gilbertson 5520 N. Highway 169 New Hope, MN 55428 (612) 535-5984
ATCPA-Jim Catone TV Studio 5th Floor 1211 6th Ave. New York, NY 10036 (212) 575-5490	AVEC Electronics Corp. John Heinke 711 Granby St Norfolk, VA 23510 (804) 627-3502	Bob Benson Video Film Robert Benson 287 Chappel St Holden, MA 01520 (508) 829-4105	Erik Ciel 1102 Denise Circle Phoenixville, PA 19460-1815 (215) 933-3380
Airtime Design Brooks Reid 6490 SW 113th Miami, FL 33156 (305) 666-0925	Avonix Ken Muehlbauer Bob Buss P.O. Box 505 3495 N. 124th St Brookfield, WI 53008-0506 (414) 783-6050	Bosworth Graves Norm Bosworth 1055 S. 700 W Salt Lake City, UT 84104 (801) 972-6128	Cinequipt-Kevin Groves 856 Raymond Ave St Paul, MN 55114 (612) 646-1780
Allen Organ Company Clark Ferguson 150 Locust St Macungie, PA 18062 (215) 966-2202	Avon Productions Fred Lipowitz 123 Matis Street South Plainfield, NJ 07080 (201) 756-0643	Broadcast Video Productions Jack Miller 480 Main Street Armonk, NY 10504 (914) 332-3123	CNBC Mr. M. Reitman 2200 Fletcher Ave. Fort Lee, NJ 07024
ANE-Bill Messersmith 1133 N. Hollywood Way Burbank, CA 91505 (818) 841-7440	AVS Jeff Kreger 750 Coolspring Rd. Fredericksburg, VA 22401 (703) 371-8324	Business TV Associates Mark Hewitson RR 1, Box 71 McLean, IL 61754 (309) 874-2908	Continental Cablevision Alan Tomasetti 141 W.W. 16th St Pompano Beach, FL 33060 (305) 946-7011
American Heritage Cable Brian Sawyer 1729 McPherson Ave Council Bluffs, IA 51503 (712) 328-7207	Ball State University Bill Cahoe University Media Services Muncie, IN 47306 (317) 285-1487	Camera Mart Mitchell Hyman 456 W. 55th St. New York, NY 10019 (212) 757-6977	Conus Communications Jonathan Meyers 3415 University Ave St Paul, MN 55114 (612) 642-4637
			Cornerstone TV Gary Stuart Signal Hill Dr Wall, PA 15148 (412) 824-3930

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Communications Televideo Ltd. Paul Farren 9301 Georgia Ave. Silver Spring, MD 20910 (301) 585-6311	Ed Janik Productions Ed Janik RR 2, Box 94C Pleasant Plains, IL 62677 (217) 626-1976	Horizon Production, Inc. Bill Jacobs 2138 Kemper Ln Cincinnati, OH 45206 (513) 559-0550	KBSP Tim Mance 4923 Indian School Rd, NE Salem, OR 97305 (503) 390-2202
Creative Associates Harrison Feather 626 Bloomfield Ave. Verona, NJ 07044 (201) 857-3444	E.I. Dupont-Jack Green 901 W. Dupont Ave. Belle, WVA 25015 (304) 357-1835	House Recording Studios Rick VanWinkle B310 Rayburn Building Washington, DC 20515 (202) 225-3941	KHOG Marvin Macedo PO Box 1029 Fayetteville, AR 72701 (501) 521-1010
C-SPAM-Brian Lockman 444 North Capitol Street Suite 412 Washington, DC 20001 (202) 737-3220	Empire Video Robert Rosizke 3412 Ramsgate Ter. Alexandria, VA 22309 (703) 360-6623	IBM-Tommy Lee 3100 Windy Hill Rd. Internal Zip WE1C1 Marietta, GA 30067 (404) 835-3492	KHQ Jeff Hite P.O. Box 8088 Spokane, WA 99203 (509) 448-4655
Dan Fitzgerald P.O. Box 126 Tecumseh, MI 45986 (517) 423-8124	The Family Channel Russ Murphy 1000 Centerville Turnpike Virginia Beach, VA 23463 (804) 523-7874	Industrial Video John Barak 1601 N. Ridge Rd E. Lorain, OH 44055 (216)277-1218	KJRH Vic Turner Dick Hogg Duane Jones 370 S. Peoria St Tulsa, OK 74105 (918) 743-2222
David Larson Productions David Larson 5910 Lilly Road Menonee Falls, WI 53051 (414) 252-4122	Fishing the West Kerry Brown 5484 SE International Way Milwaukie, OR 97222 (503) 654-0092	Insight-Tom Carroll 288 Pillow St Norwalk, CT 06850 (203) 853-1115	KPLR Tommy Gray 4935 Lindell Blvd. St. Louis, MO 63108 (314) 454-6310
Davis Audio-Visual, Inc. Howard Goldbaum 2100 Clay St. Denver, CO 80211	Fraser Orton Productions Dennis Fraser 2150 Memorial Dr., Suite 212 Green Bay, WI 54303 (414) 494-6150	International Media Robert Hatch Boston Building, Suite 220 Salt Lake City, UT 84111 (801) 532-7770	Kramer Video Tom Kramer PO Box 22446 Seattle, WA 98122 (206) 322-6555
Dench Video Services, Inc. Tim Dench 9141 Bardstown Rd. Louisville, KY 40291	Gardy-McGrath (Intl) Inc. Dave Gardy 8580 Cinderbed Rd., Suite 1000 Newington, VA 22122 (703) 339-8500	Iowa State University Denny Goodrich Media Production Unit Exhibit Hall S Ames, IA 50011	KSFY Doug Loos 300 N. Dakota Ave., Suite 1000 Sioux Falls, SD 57102 (605) 336-1300
Don Brown Productions Don Brown 867 N. Main St Orange, CA 92668 (714) 771-9711	George Mason University Henry Boisvert Univ. Drive TV Studio Fairfax, VA 22030 (703) 323-3586	Iris Multimedia Robert Logsdan PO Box 726 Burlington, VT 05402 (802) 865-9560	KTRV Brian Royster 679 6th St Nampa, ID 83651 (208) 466-1200
Duff Video Productions Ron Duff P.O. Box 881 Cape Girardeau, MO 63702-0881 (314) 334-1189	Grant Booker Video Terry Grant 2543 Nicollet Ave. S Minneapolis, MN 55404 (612) 870-0028	ISDL Sam Tonnison 234 West Upsilon St. Philadelphia, PA 19119	KTSW-TV Chief News Photographer 801 W. Oregon St. El Paso, TX 79902 (915) 532-5421
Eaton Corporation Jerry Martin 4201 N. 27th St Milwaukee, WI 53216 (414) 449-6216	Greater Rochester Cable Harry Goldberg 71 Mount Hope Ave Rochester, NY 14620 (716) 325-1111	KARE Cheryl Ivey 8811 Olson Memorial Hwy Minneapolis, MN 55427 (612) 546-1111	

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KUSI Richard Large 4575 View Ridge Ave San Diego, CA 92123 (619) 571-5151	Media Concepts Bob Skidmore 559 49th Street South St. Petersburg, FL 33707 (813) 321-2122	Massau County Police (WISCOM) Benjamin Homenick 1490 Franklin Ave. Mineola, NY 11501 (516) 573-7013	NBC Mr. Wayne Grennier 101 Broad Avenue Fairview, NJ 07022
XXXV Jerry Copeland PO Box 2522 Waco, TX 76702 (817) 754-2525	Media Partners of MA Gary Pink 1837 Ocean St. Marshfield, MA 02050 (617) 837-5301	NATCO-Bob Brandia 2600 Lone Oak Point Eagan, MN 55121 (612) 726-0355	NBC News Mel Weidner 30 Rockefeller Plaza, RM 807 New York, NY 10112
Lakeland Regional Medical Center Education Dept. Ryan Lee 1324 Lakeland Hills Blvd. Lakeland, FL 33805 (813) 687-1127	Miller Meester Advertising Dan Sauard 17 N Washington Ave Minneapolis, MN 55401 (612) 337-9120	National Video Exposure Clyde Land 5100 Kerry Dr. Atlanta, GA 30331 (404) 344-1551	NBC News Stu Pearman 52-37 Second St Long Island City, NY 11101 (718) 482-8310
Lentz & Associates LA Lentz PO Box 6181 Raleigh, NC 27628 (919) 828-6761	Pierre Miron C 15205 S. Main Houston, TX 77035 (713) 499-8764	NBC Bill Sacrey 30 Rockefeller Plaza Rm 1210W New York, NY 10112 (212) 664-7140	New Orleans Convention Center Mike Blohm-Technical Services 900 Convention Center Blvd New Orleans, LA 70130 (504) 582-3062
LCR Productions Leo Rotkiewicz, Jr. 46 Elm St South Deerfield, MA 01373-1006 (413) 665-2946	Mission Video Support Paul Kloda 17800 Chillicothe Rd. STE 270 Chagrin Falls, OH 44022 (216) 543-1880	NBC Mr. Andy Morris 30 Rockefeller Plaza Rm 1210W New York, NY 10112	New York City Sanitation Department Mike Barbarotto Audio Visual Services Unit PO Box 213 Maspeth (Queens), NY 11378 (718) 507-3543
Little Fort Media Weldon Johnson 113-115 M Genesee Maukegan, IL 60085 (708) 244-9666	Moraine Park Technical College Bob Haase P.O. Box 1940 Fond Du Lac, WI 54936-1940 (414) 929-2112	NBC Mr. G Hillier 30 Rockefeller Plaza Rm 1210W New York, NY 10112	New York Telephone Walter Erickson 1095 Avenue of the Americas, Rm 1600 New York, NY 10036 (212) 395-0111
MagnaTech Michael Pardo 3941 SW 47th Ave. Ft Lauderdale, FL 33314 1-800-683-DUPE (305) 791-6711	Mountain View TV Anthony Evans 1500 SE Blairmont Dr Vancouver, WA 98684 (206) 253-2588	NBC Mr. S. Mahner 30 Rockefeller Plaza Rm 1210W New York, NY 10112	Ohio Bell Telephone Company Dave Kennett 100 Erie View Plaza, Rm 230 Cleveland, OH 44114 (216) 822-3770
Mayo Clinic Marvin Mitchell Video Communications Systems Rochester, MN 55905 (507) 284-2511	Moyse & Associates, Inc Claude Moyse PO Box 831 Latham, NY 12110 (518) 783-6221	NBC Mr. W Johnston Burbank, CA 91523	On Location Video Services Mr. Mel Rainer PO Box 35657 Houston, TX 77035 (713) 728-1020
Mayo Clinic Asa Floyd 4500 San Pablo Rd. Jacksonville, FL 32224 (904) 223-2672	Multi Image Group Jim Ballentine 1080 Holland Drive Boca Raton, FL 33487 (800) 523-2682	NBC Mr. J. Schoedler Burbank, CA 91523	Phillip Morris USA Carmen Inge / Paul Verway 8 Bells Road Richmond, VA 23230 (804) 274-3721
		NBC Mr. T. Powers 454 N. Columbus Dr Chicago, IL 60611	

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PKH Video Peter Hickman 1997 M-50 Tecumseh, MI 49286 (517) 423-2137	Ralph Graves Productions, Inc. Bill Graves 5161 River Rd, Bldg 2, Suite 103 Bethesda, MD 20816 (301) 986-4577	Sign Media Inc. Verden Ness 4020 Blackburn Road Burtonsville, MD 20866 (301) 421-0268	United States Marine Corps Captain Glenn USMC Documentation Unit Quantico, VA 22134 (703) 640-2878
Preston Trucking-Bob Lyons 151 Easton Blvd. Preston, MD 21655 (301) 673-7151	Rahmlow Production Dave Rahmlow 4747 N. Marlborough Dr. White Fish Bay, WI 53211 (414) 964-1481	Smokey Hills Public TV Lloyd Mintzmeyer PO Box 9 Bunker, KS 67626 (913) 483-6990	Versatile Video Services, Inc. Terry Burke P.O. Box 333 Yorktown, IN 47396 (317) 759-4747
PG County Office of TV Resources Don Mattingly 8437 Landover Road Landover, MD 20785 (301) 386-1629	Reed Film & Video Lloyd Reed 4501 Sonata Court Fairfax, VA 22031 (703) 978-5988	Southern States Cooperative Paul Charles 6606 W. Broad St. Richmond, VA 23230 (804) 281-1285	Video Concepts Bob Ramacher/Kevin Harrington 1295 S. Kihei Rd, Suite J Kihei, Maui, Hawaii 96753 (808) 879-1329
Professional Products, Inc. James Baldwin 4964 Fairmont Ave. Bethesda, MD 20814 (301) 657-2141	Riverside Film & TV Productions Rob Richardson, Jr. PO Box 543 Marietta, OH 45750 (614) 373-0861	Strickland Video & Film Support John Strickland 2972 Chipmonk Trail Marietta, GA 30067 (404) 988-0803	Videoland Productions Mitch McGeary 805-C College St. SE Lacey, WA 98503 (206) 491-1332
Professional Products, Inc. Bob Williams 2605 W. Rolling Rd, Suite 406 Baltimore, MD 21207-1960 (301) 298-7111	Russell & Associates Sam Russell P.O. Box 877 Marion, VA 24354 (703) 783-2251	S & W Productions Terry Schmitt Tom Prigge 459 Broyles Ave Paducah, KY 42003 (502) 554-3057	Video Management Systems Dan Hall 1004 E. Washington Street Indianapolis, IN 46202 (317) 639-6163
Public Broadcasting Service Mark Richer 1321 Braddock Place Alexandria, VA 22314 (703) 739-5471	Sakolsky Productions Kerry Sakolsky 700 Biltmore Way, Suite 1202 Coral Gables, FL 33134 (305) 441-1935	Tentel Chuck Fodor 4475 Golden Foothills Pkwy El Dorado Hills, CA 95630 (800) 538-6894	Video on Location Jimmy & Dino Weizis 11600 Nebel St. Rockville, MD 20852 (301) 984-5823
Pumkin Creek Video Production Harold Ferguson 321 Coffee Ave North Wilksboro, NC 28659 (919) 667-7717	Sallie Mae Charlie Hite 200 Fairbrook Dr Herndon, VA 22070 (703) 834-5737	TPI Productions-Bill Perkins 5410 Goldsboro Road Bethesda, MD 20817 (301) 320-5979	Video Spectrum Wayne Stephaney 630 Hedgewick Dr Lancaster, PA 17603 (717) 394-4042
Q-1 Video Network Tim Hart 62 Divison Coldwater, MI 49036 (517)279-8752	Sandia National Laboratories Jim Lloyd Organization 7212 P.O. Box 5800 Albuquerque, NM 87185 (505) 844-3867	UCLA-Behavioral Sciences Media Lab NPI Gary Lord 760 Westwood Plaza Los Angeles, CA 90024 (213) 825-0448	Video-Tech Production Alan Thursby P.O. Box 2251 1602 Melrose Ct. Decatur, IL 62526 (217) 877-9422
Quail Video Products Bill Frazier 949 Penn Ave Pittsburg, PA 15221 (412) 243-1300	Sigma Broadcasting Don Vest PO Box 4150 Ft Smith, AR 72914 (501) 783-4040	United Artists Cable Peter Strang-Wolf 421 Allwood Rd Clifton, NJ 07012 (201) 779-2444	Video Supply Sales Co. Mark Radford 3440 Oakcliff Rd. Suite 112 Atlanta, GA 30340 (404) 458-2468

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WXYZ  
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(313) 827-9490

WPM Studios  
Gene Casaroll  
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Stirling Heights, MI 48312  
(313) 939-8680

WMC-TV  
Mike Schwartz  
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Memphis, TN 38104  
(901) 726-05555

Washington Natural Gas  
John Cox  
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Seattle, WA 98111  
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WPIX  
Bob Murch  
222 42nd St  
New York, NY 10017  
(212) 210-2552



West Net Video  
Bob Abrahamsen  
20023 Legend Oak Dr.  
Humble, TX 77346  
(713) 852-7883

WPRI  
Jim Cofta  
25 Catamore Blvd  
E Providence, RI 02914  
(401) 438-7200



Washington Professional Systems  
Mike Gerry  
11157 Viers Mill Rd  
Wheaton, MD 20902  
(301) 942-6800

Correction  
In last month's newsletter we had some incorrect information regarding MagneTech. It should read as follows:

MagneTech  
Michael Pardo  
3941 SW 47th Ave.  
Ft Lauderdale, FL 33314  
(800) 683-DUPE

We apologize for any inconvenience this may have caused.

MII Users Association of America  
c/o GMG International, Inc.  
8580 Cinderbed Road, Suite 1000  
Newington, VA 22122  
Attn: Debbie

If you are not currently a member of the MII Users Association of America and would like to join, please contact us by phone, fax or mail at:

If you write or fax, please provide your name, company name, mailing address, phone number (fax too), and if you could tell us a little about your company and its MII use.

## **Monthly Survey Questions**

Each month the users association will poll users on specific MII issues and publish the results in the next newsletter. This months questions are:

1. Was your purchase of MII equipment more related to the reputation of the manufacturer ( Panasonic or JVC ) or the features of the MII machines?

Based on manufacturers reputation

Based on machine features

Comments \_\_\_\_\_

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2. Was your MII purchase an equipment upgrade or an equipment replacement?

Equipment upgrade

Equipment replacement

Comments \_\_\_\_\_

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3. What format were you using prior to MII?

Betacam

Betacam SP

SVHS

3/4 inch

3/4 inch SP

8mm

VHS

1 inch

other \_\_\_\_\_

comments \_\_\_\_\_

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4. Please list your MII equipment (models & quantities).

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It is most important for the membership that you respond to these questions, either by mail, phone or fax as soon as possible. Thank you for your input.

24 hour fax line (703) 339-0764

phone (800) 966-1030 or (703) 339-8500

or mail to:

MII Users Association of America

c/o GMG International, Inc..

8580 Cinderbed Rd., Suite 1000

Newington, VA 22122

Attn: Debbie

## **May Survey Results**

Here are the survey results for the month of May 1991.

1. In MII post production, what is the greatest number of passes (generations) you are going down (for multi-layered effects, etc.) and still producing a professional quality master?

Check one 1[ ] 2[ ] 3[ ] 4[ ] 5[ ] 6[ ] N/A  
0% 6.89% 31.03% 13.79% 13.79% 10.34% 24.13%

### **2. Video Head Life**

A. How many hours are you consistently getting on your MII video heads before they require replacement?

#### **Editing Decks**

Check one

[ ] Less than 1000	3.12%
[ ] 1000-1500	6.25%
[ ] 1500-2000	9.37%
[ ] 2000-2500	6.25%
[ ] 2500-3000	15.62%
[ ] 3000 or more	3.12%
[ ] Original Heads	40.62%
[ ] N/A	9.37%
[ ] Don't Know	6.25%

#### **Portable Decks**

[ ] 1000-1500	10.71%
[ ] 1500-2000	14.28%
[ ] 2000-2500	3.57%
[ ] 2500-3000	0%
[ ] 3000 or more	0%
[ ] Original Heads	50%
[ ] N/A	17.85%
[ ] Don't Know	3.57%

B. What type of environmental conditions are present in the room(s) where your MII equipment is located?

Check those that apply

84.37%	[ ] Non smoking environment
43.7 %	[ ] Filtered air
71.87%	[ ] Temperature kept between 65 and 75 degrees F
18.75%	[ ] Extra Clean Environment
6.25%	[ ] Exhaust Fan
3.12%	[ ] Dehumidifier

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3. Are you considering the purchase of Panasonic's half inch digital format?

YES [ ] NO [ ] MAYBE [ ]

65.51% 27.58% 6.89%

If so, how serious are your current acquisition plans?

14.28% [ ] Definitely will acquire  
28.57% [ ] Most probably will acquire  
38.09% [ ] Maybe will acquire  
19.04% [ ] Undecided

4. What source footage are you using in post production? Please check those that apply and include percentage of use.

Percentage of users using these formats as source formats.

MII?	[ ]	% of use 82.75%
Betacam?	[ ]	% of use 17.24%
Betacam SP?	[ ]	% of use 34.48%
SVHS?	[ ]	% of use 41.37%
3/4 Inch?	[ ]	% of use 62.06%
3/4 Inch SP?	[ ]	% of use 27.58%
8mm?	[ ]	% of use 31.03%
VHS?	[ ]	% of use 31.03%
1 Inch?	[ ]	% of use 6.89%
		N/A 6.89%

Use of all equipment

	Less than 50%	Greater than 50%
MII	25%	75%
Betacam	80%	20%
Betacam SP	90%	10%
SVHS	83.3%	16.6%
3/4	94.4%	5.5%
3/4SP	87.5	12.5%
8mm	100%	—
VHS	100%	—
1 Inch	100%	—



If you are not currently a member of the MII Users Association of America and would like to join, please contact us by phone, fax or mail at:

(800) 966-1030  
(703) 339-8500  
Fax (703) 339-0764  
(new fax #)

MII Users Association of America  
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